## **Goal Performance Table**

**Target Codes:** SP = Strategic Plan Key measures

PART = PART Measure

BUR = Bureau specific measure

UNK = Prior year data unavailable

TBD = Targets have not yet been developed

NA = Long-term targets are inappropriate to determine at this time

Type Codes: C = Cumulative Measure A = Annual Measure F = Future Measure

## End Outcome Goal 1.4: Improve the understanding of National Ecosystems and Resources through Integrated Interdisciplinary assessment.

End Outcome Measure / Intermediate Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
End Outcome Measures	;									
% of targeted science products that are used by partners or customers for land or resource decision making (SP)	A	90%	93%	93%	≥90%	93%	≥90%	≥90%	0	≥90%
Intermediate Outcome N										
Ensure availability of lo informed decision maki		m environmer	ital and natura	I resource info	ormation, data	and systemat	ic analyses ne	eded by land a	nd resource man	agers for
% of North American migratory birds for which scientific information on their status and trends are available (SP) (BRM)	А	26%	26%	26.6% (173/650)	26.6% (173/650)	26.6% (173/650)	26.6% (173/650)	26.6% (173/650)	0	27.1% (176/650)
X% of focal migratory bird populations for which scientific information is available to support resource management decisionmaking (USGS in coordination with FWS) (BRM)	А	UNK	56.88%	57.02%	57.16%	55.18%	55.22%	55.23%	+0.01%	55.28%
Comment		performance m WS. Program							arch on bird specie	s identified by

End Outcome Measure / Intermediate Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
% of focal migratory bird populations for which species pages are available through the NBII (BIMD)	Α	UNK	UNK	8%	15%	15%	22%	29%	+7%	51%
% of targeted fish and aquatic populations for which information is available regarding limiting factors (SP) (BRM)	A	31%	31%	38.66% (46/119)	41% (49/119)	41% (49/119)	41% (49/119)	41% (49/119)	0	43% (51/119)
% of targeted invasive species for which scientific information and decision support models are available to improve early detection (including risk assessments) and invasive species management (SP) (BRM)	Α	51.6%	51.6%	54% (3.25/6)	54% (3.25/6)	54% (3.25/6)	54% (3.25/6)	54% (3.25/6)	0	54% (3.25/6)
X% improvement in detectability limits for selected, high priority environmentally available chemical analytes (BRM)	A	UNK	6%	12%	19%	19%	26%	33%	+7%	40%
Comment	Dete	ectibility limits w	ill be improved	through develo	pment of ultrac	lean procedure	s with higher-q	uality reagents.		
% of complete historical bird banding records available electronically	Α					0	0	0	0	0
Comment	Perfo		impacted by A	RRA funding. S	See the perform	ance measures	s in the Progran	n Plan behind th	e ARRA tab in the	back of the
Increase long-term trend precision (decrease bias) for existing species monitored through the Breeding Bird Survey to enable a detection of 50% population decline of relevant species within 20 years (BRM)	A	UNK	0.008	0.008	0.008	0.008	0.008	0.008	0	0.008

End Outcome Measure / Intermediate Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
X% of CRU students that work on subsequent fish and wildlife science advance degrees or obtain employment in the fish and wildlife or other natural resources field, within targeted dates post-graduation (CRU)	А	UNK	95%	95%	95%	95%	95%	95%	0	95%
X% of US land with land characterization and species distribution information available for resource management decision-making updated in the last 5 years (BIMD)	С	23.3%	42.3%	34%	36.4%	37%	40%	65%	+25%	65%
% US federally listed threatened and endangered fish species for which species profiles, occurrence data and maps are available through the NBII (BIMD)	С	UNK	UNK	17.5%	20% (28/138)	20% (28/138)	20% (28/138)	20% (28/138)	0	23% (32/138)
X% of North American amphibians and reptiles for which scientific information on their status (species distribution) are available in a standardized and exchangeable format, to improve conservation plans of federal and state agencies (BIMD)	С	90% (558/620)	91% (564/620)	92% (570/620)	93% (576/620)	93% (576/620)	93% (576/620)	93% (576/620)	0	93% (576/620)

End Outcome Measure / Intermediate Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
X% of North American mammals for which scientific information on their status (species distribution) are available in a standardized and exchangeable format, to improve conservation plans of federal and state agencies (BIMD)	С	93% (434/467)	94% (439/467)	94% (439/467)	95% (444/467)	95% (444/467)	95% (444/467)	95% (444/467)	0	95% (444/467)
X% of the Nation's 65 principal aquifers with monitoring wells used to measure responses of water levels to drought and climatic variations to provide information needed for water-supply decisionmaking (SP) (WRD)	С	61%	61%	60% (39/65)	60% (39/65)	58% (38/65)	62% (40/65)	62% (40/65)	0%	62% (40/65)
Comment	incre more	ease in perform e difficult to me	ance anticipate et existing com	d for 2009. It is	s important to n refore, these nu	ote that due to	the current eco	nomic downturn	nce continues in 2 , States are finding SGS funding has	g it more and
X% of targeted contaminants for which methods are developed to assess potential environmental and human health significance (SP) (WRD)	С	20%	85%	41% (78/188)	33% (76/232)	48% (138/287)	33% (76/232)	33% (76/230)	0	33% (Determined annually)
Comment	the p	previous year a ificant progress nods will be dev	nd additional ch toward measu	nemicals that ar ring new and ur	re added based nderstudied env	on current prio	orities. The annuntaminants is ac	ual target of 33% chieved each yea	which methods wer sof the annual list ar. The list of cher d accumulation of i	assures that micals for which
X% of streamflow stations with real-time measurement/ reporting of water quality (WRD)	С	7% (520/7451)	9%	11% (820/7451)	11% (826/7508)	11.6% (787/7551)	11.9% (901/7551)	12% (910/7551)	+0.1%	12.4% (937/7551)

End Outcome Measure / Intermediate Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
X% of U.S. with ground water quality status and trends information to support resource management decisions (WRD)	С	39%	58%	68%	70%	76%	80%	85%	+5%	100%
X% of States with web based Streamflow statistics tools to support water management decisions (WRD)	С	10% (5/50)	14% (7/50)	18% (9/50)	26% (13/50)	28% (14/50)	34% (17/50)	34% (17/50)	0	40% (20/50)
Comment	See	http://water.usg	gs.gov/osw/stre	amstats/ssonlir	ne.html for curre	ent national stat	us.			
X% of river basins that have streamflow stations (SP) (WRD)	С	82% (1825/ 2223)	81% (1800/ 2223)	81% (1800/ 2223)	84% (1870/ 2223)	79% (1765/ 2223)	84% (1765/ 2102)	86% (1800/ 2102)	+2%	88% (1850/ 2102)
Total Actual/Projected cost streamgage (national average) (\$000)		23,725	24,300	24,300	26,180	24,710	26,475	27,732	+1,257	30,525
Actual/Projected cost per streamgage (national average) (whole dollars)		13,500	13,500	13,500	14,000	14,000	14,500	15,000	+500	16,500
Comment	natic metrasses For 2 repo It is   issue cont of st fund Although allow Fede	onwide by 8-dig ic may never at essment of flood 2009, the targe rting. cossible that so es; however, it rolling costs, wi reamgages ma ed streamgage ough there is no ws USGS to hele eral agencies, ti	it hydrologic un tain 100% becaut risk or land us twas re-baseling me decline in put is anticipated that their Center by be exacerbated in NY, MD, are proposed in perpostabilize the sent estreamgage.	it codes; however ause not all base e changes).  and to reflect the performance from the treat USGS Water and by the fact the performance depicture and particular to the treat use of the treat	ver, many basins may require enumber of HU m that estimate r Science Center aintain the stable the U.S. Arm scontinued in 20 icted in the table work. Because	s require more extreamflow date of the control of the streamflow date of the control of the streamflow of the control of the c	than one streat than one streat ta (e.g., a basis continental Unit 2010 may occur to hold stream amgage network gineers expects onal streamgage ormance measistraints at the Secline in coope	mgage to accurant with no popular ed States to prour due to State agage operation at that funding for es discontinued evers, the \$2M in state and local grator funding. The state and local grator funding.	where 2,102 basing tely assess condition may not requivated for greater act and local funding pland maintenance of the tonote that any arapproximately 50 in 2010.  Crease to NSIP proportion of the property of the tonote that any arapproximately 50 in 2010.	curacy in  artners budget costs level by anticipated loss cooperatively  byided in 2009 s well as other

End Outcome Measure / Intermediate Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
% improvement in accuracy of watershed (SPARROW) model prediction for total nitrogen and total phosphorus (measured as reduced error) (WRD)	С	31%	24%	20%	20%	20%	20%	20%	0	20%
X% of ground-water stations that have real- time reporting capability in the ground water climate response network (WRD)	С	67% (233/347)	47%	52% (181/347)	53% (290/544)	54% (290/544)	54% (324/598)	54% (324/598)	0%	54% (324/598)
Comment	The repression and the repressio	real-time station in the USGS-formumerator represents the total USGS has requidecrease in the cools, the networninge the denominate to change pute those perceivant in the cools.	ns. As a result, unded portion of esents the numer number of sites usested to redefine performance in the was expanded and or has changed over time. The exentages could	the relative proof the network.  sher of ground- s within the clim  ne this measur  netric because  d to include bot  ged. The mixtur  efore, the perc  change signific	water stations water response re. As noted in the not all of the new the Federal and of the or wells that rentages for 200	with real-time renetwork.  the 2006 and 2 bw wells added cooperatively funds up the new percent was a cooperatively funds and 2010 are ped measure was a cooperative was and 2010 are ped measure was a cooperative was a cooperativ	porting real-ti porting capacit 007 year-end re to the network unded wells to re twork as well as expected to c	me declined. Roy within the network overall exare real-time.  make a larger clist the total number ange slightly within the street of the stre	ading partners opte eal-time measuren work while the deno expansion of the ne mate network; as a er of wells in the n hile the number of will, beginning in 2	ominator  twork can result  a result of that letwork will wells tallied to
% of U.S. with streamwater quality data for status and trends assessment and information to support resource management decisions (WRD)	С	UNK	UNK	16.6%	UNK	33.4%	49.8%	66.8%	+17%	100%
Discontinued streamgages, cableways, and ground- water well remediated	А					0	0	0	0	0
Comment	Perfo budo		impacted by A	RRA funding. S	See the perform	ance measure	s in the Prograr	n Plan behind th	e ARRA tab in the	back of the

End Outcome Measure / Intermediate Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
# of streamgages upgraded with high data rate radios to increase frequency of radio transmission	С					4,500	4,900	5,300	+400	6,500
Comment	Perf budg		impacted by A	RRA funding. S	See the perform	ance measures	s in the Prograr	n Plan behind th	e ARRA tab in the	back of the
% of discharge measurements made with hydroacoustic instruments	С					35%	40%	45%	+5%	70%
Comment	Perf budg		impacted by A	RRA funding. S	See the perform	ance measures	s in the Prograr	n Plan behind th	e ARRA tab in the	back of the
X% of U.S. with ground water availability status and trends information to support resource management decisions (WRD)	С	7% (4.5/65)	8% (5.5/65)	9% (6/65)	11% (7/65)	11% (7/65)	12% (8/65)	14% (9/65)	+2%	18% (12/65)
Total Actual/Project cost ground water status (\$000)		1,575	1,925	2,100	2,625	2,625	3,280	4,050	770	6,000
Actual/Projected cost per ground water status (whole dollars)		350,000	350,000	350,000	375,000	375,000	410,000	450,000	40,000	500,000
Comment	Basi and The were stud Mea Natio <\$30	n and Range canother in 2010 average cost per smaller in scory.  Sure indicates ton's 65 principal	arbonate aquife () (Floridan). er study varies pe resulting in a the number of re al aquifers, as d 0,000 per project	depending on to a smaller avera egional ground- esignated in the tot per year, dep	the scope and c ge cost per stud -water evaluation e National Atlast pending on the s	omplexity of the dy. Over time, to projects (state). Average cost	e studies being the scope of studies and trends it per project is \$	conducted in ar udies has expan n ground-water \$450,000, thoug	sin, Mississippi Emateau), one in 2009  ny given year. Initided requiring more availability) that co h actual costs can sts include salaries	9 (High Plains), ally, studies e funding per incide with the range from
% of proposed streamflow stations currently in operation that meet one or more federal needs (WRD)	С	61% (2700/ 4425)	62% (2742/ 4425)	62% (2742/ 4425)	64% (2845/ 4425)	62% (2940/ 4744)	62% (2940/ 4744)	63% (2990/ 4744)	+1%	65% (3100/ 4744)
Total Actual/Project cost streamflow stations (\$000)		35,100	36,450	37,017	39,830	41,160	42,630	44,850	+2,220	51,150

End Outcome Measure / Intermediate Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
Actual/Projected cost per streamflow stations (whole dollars)		13,000	13,293	13,500	14,000	14,000	14,500	15,000	+500	16,500
Comment	num coop Duri revie char This som that strea fund Althouseled	ber of streamga perative endeaving 2008 the delew by the Nationages in 2009 and performance metimes targeted the number of samgages may be destreamgage ough there is now USGS to heleral agencies, ti	ages and the numeror with numeror with numeror mominator was nal Research C d 2010 more dimeasure is very I by funding particular pa	umber of those us Federal and re-baselined duouncil and chaifficult to assess sensitive to los theres to lose could be leby the fact that and PA will be distreamgage net network in mar	gages that meet non-Federal parties to the reevaluation of the reevaluation of the reevaluation of the U.S. Army scontinued in 2 licted in the table work. Because	at Federal need artners.  Luation of require water quality neer of streamgages from the res with the assurated here for 20 Corps of Engin 009 and at least efor NSIP perfect of budget consequenced a decard artners.	ements for the etworks. This bages that will like network. Stream etwork. Stream etwork is importated to the stream expects that number is that number is ormance measistraints at the Secline in coope	national network aseline increase ely decrease is the mgages identified in the mean to note that and funding for all nations, the \$2M in the state and local grator funding. The mean to the mean that is the state and local grator funding.	s Assessment and ar as streamgage for a based on comme of 319 streamgage ne best estimate and to be fully funded to be fully funded to be fully funded any anticipated loss opproximately 50 concrease to NSIP provernment level, a his NSIP increase	nts from external es makes the vailable.  d by NSIP are e is a possibility s of properatively  by ovided in 2009 s well as other
% of surface area of the conterminous U.S. for which high-resolution geospatial datasets are cataloged, managed, and available through The National Map (SP) (NGP)	С	UNK	UNK	99.71% (698/700)	100% (700/700)	99.86% (699/700)	99.86% (699/700)	100% (700/700)	0	100% (700/700)
Comment		National Geosp ntain.	oatial Program	continues to ma	aintain the geos	patial data laye	ers over the con	terminous US.	There are 7 data la	ayers to
Square miles of the US with updated high resolution elevation data (NGP)	А					93,153	58,000	58,000	0	50,000
Comment		ormance will be get. Not a cum			See the perform	ance measures	s in the Prograr	n Plan behind th	ne ARRA tab in the	back of the
Square miles of the US with high resolution, leaf off, <1m imagery data (NGP)	А					79,751	75,000	200,000	*+125,000	75,000
Comment								n Plan behind that a cumulative n	ne ARRA tab in the neasure.	back of the

End Outcome Measure / Intermediate Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
% of total cost FSA and USGS saved through partnering with other entities for imagery acquisition of 1-meter NAIP orthoimagery (NGP)	А	44% (3.23/7.35)	41% (4.43/10.8)	32% (2.3/7.2)	36% (5.0/14.0)	27%	36% (5.0/14.0)	40% (5.6/14)	+4%	40% (5.6/14)
Comment	The	USGS expects	an increase of	FSA-contribute	d funds in 2009	and 2010 ove	r the 2008 leve	l.		
% of data acquisition costs for <i>The National</i> <i>Map</i> funded by partners (NGP)	С	47%	74%	59.3% (11.9/20)	60% (12/20)	71% (14/20)	60% (12/20)	71% (14/20)	+11%	71% (14/20)
Comment		nerator is the tot ing to remain a			rs; the denomir	nator is the total	funds used to	purchase data.	The USGS expect	ts partner
% of time that USGS managed geospatial data and information dissemination systems (i.e., Geospatial One-Stop Portal, <i>The National Map</i> , NSDI Clearinghouses) are accessible online to customers (NGP)	С	UNK	UNK	UNK	Baseline	97%	97%	98%	+1%	99%
Comment	thes base	e systems dividelined the numb	led by 24x7x36 er to enable the	5. The systems bureau to esta	s' availability wi ablish a realistic	II be reliant on to projection of the	he Department ne online availa	i's Enterprise Se ability of USGS o	The time will be the rvices Network. Ir databases and appuring August and S	2008 USGS lications such as
% of customers that identify or indicate (via a survey) that USGS NGP Outreach materials and activities (information and publications, conferences, training and workshops) met their needs/requirements (NGP)	С	UNK	UNK	UNK	Baseline	20%	20%	30%	+10%	75%
Comment		008, this measu 9 results.	re was baseline	ed to determine	the number of	customers. Th	e percent of cu	stomers is expe	cted to increase in	2010 based on

End Outcome Measure / Intermediate Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
% of GIO partners reporting satisfaction with partnership agreements (NGP)	С	UNK	UNK	UNK	Baseline	75%	75%	80%	+5%	90%
% of total cost of geospatial data and geospatial services saved through Geospatial Line of Business Joint Business Case (NGP)		UNK	UNK	UNK	UNK	UNK	Baseline	TBD	TBD	TBD
Comment	the F		ment. The Geo	spatial SmartB	uy Agreement,	issued by the C			ospatial data and s on March 6, 2009	
% of US surface area with contemporary land cover data needed for major environmental monitoring and assessment programs (SP) (Geography)	С	65%	94%	95% (286/300)	100% (300/300)	99.3% (298/300)	40% (120/300)	100% (463/463)	+60%	40% (120/300)
Comment		009, USGS will erminous U.S.							006 NLCD produc	t for the
X% of data accessible: X% of satellite data available from archive within 24 hours of capture (Geography)	С	97.2%	98.7%	95% (285/300)	95% (285/300)	95% (285/300)	95% (285/300)	100% (300/300)	+5%	100% (300/300)
Total Actual/Projected Cost scene (\$000)		43,725	40,159	40,962	40,962	40,962	40,159	40,159	0	40,159
Actual/Projected Cost per scene (whole dollars)		14.64	14.64	14.64	14.64	14.64	14.64	14.64	0	14.64
Comment		sures the perce )) and denomin						ator is the number	er of scenes availa	ble (300 in

End Outcome Measure / Intermediate Measure	Type	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
% of surface area with temporal and spatial monitoring, research, and assessment/data coverage to meet land use planning and monitoring requirements (# of completed eco-region assessments out of a total of 84 eco-regions) (Global Change)	С	37%	48%	61% (51/84)	69% (58/84)	71% (60/84)	86% (72/84)	100% (84/84)	+14%	Measure completed in 2010.
% of surface area with temporal and spatial research and modeling and assessment/data coverage to meet targeted fish and wildlife adaptation planning and adaptive management requirements (NCCWSC) (# of completed down-scaled global models to regional scales out of a total of 12 regional flora and fauna climate change adaptation models and forecasts.		UNK	UNK	UNK	UNK	60% (3/5)	60% (6/10)	83% (25/30)	+23%	+10%
X% of US with regional geologic map coverage that is available to customers through the NGMDB	С	53%	55%	60.4%	63%	64.6%	65%	67%	+2%	73%
Total Actual/Projected Cost square mile (\$000)					23,460	23,460	23,460	23,460	0	
Actual/Projected Cost per Square Mile (whole dollars)					1,750	1,750	1,750	1,750	0	
Comment		percentages shon square miles		calculated by	dividing the cov	erage (maps p	ublished) within	last year by squ	uare miles of the U	.S. which is 3.7

End Outcome Measure / Intermediate Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
X% of geologic investigations in National Park Service (NPS) units that are cited for use by the NPS within three years of delivery (NCGM)	А	80%	80%	100%	80%	92%	80%	80%	0	80%
Comment					dividing the # of as a target for o				# of pubs produce	ed for NPS. An
X% of EDMAP students that work on subsequent geoscience degrees or obtain a job in a geoscience field (NCGM)	A	94%	95%	94%	95%	100%	95%	95%	0	95%
Comment	(edu most	cation or emplo	yment) by the	number of stud	ents able to be	reached within	4 years after th	eir training to co	ent on in geoscien onfirm status. Of thing / mentoring prov	nose trained,
X% of U.S. with geologic maps that are being integrated into ground-water availability status and trends to support resource management decisions (NCGM)	A	5%	6%	8%	10%	12%	11%	12%	+1%	15%
Comment				calculated by flects program		nber of aquifers	with complete	d geologic mapp	ping by the number	of principal
# of counties or comparable jurisdictions that have adopted hazard mitigation measures based in part on geologic mapping and research (NCGM)	А	10	12	14	14	17	15	15	0	16

End Outcome Measure / Intermediate Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
% of NPS units for which environmental characterization based on airborne remote sensing is provided as digital GIS products and for which products are cited or use by NPS within 2 years (C&M)	С	50% (6/12)	50% (7/14)	60% (10/16)	75% (12/16)	75% (12/16)	75% (12/16)	80% (19/24)	+5%	85%
% of regional and major topical studies for which interpretive and synthesis products are cited by identified partners and users within 3 years of study completion (C&M)	С	80% (23/29)	80% (24/30)	80% (25/32)	80% (26/32)	80% (26/32)	80% (25/31)	80% (26/32)	0	80%
Intermediate Outcome N										
Ensure the quality and r	eleva						4000/	4000/		4000/
% of studies validated through appropriate peer review (SP)	Α	100% (2127/ 2127)	100% (2157/ 2157)	100% (2879/ 2879)	100% (2530/ 2530)	100% (5513/ 5513)	100% (4436/ 4436)	100% (3007/ 3007)	0	100% (3104/ 3104)
% satisfaction with scientific and technical products and assistance (SP)	Α	96%	91%	90%	≥90%	93%	≥90%	≥90%	0	≥90%
Efficiency and Other Ou	tput N	Measures								
Average cost per sample for selected, high priority environmentally available chemical analytes (BRM)	Α	\$700	\$680	\$680	\$650	\$660	\$640	\$621	-\$19	\$600
Actual/Projected Cost per sample (whole dollars)		700	680	680	650	660	640	621	-19	600
Comment	auto	mated techniqu	es, and improv	ements in instr		crease is partia	lly offset by inc		ed chromatographi reagent chemicals	
# of gigabytes collected annually (Total)	Α	6,140.8	76,768.8	96,337.8	24,554.8	134,138.8	145,009.8	129,502.8	-15,507	129,502.8
# of gigabytes managed and distributed cumulatively (Total)	С	109,842	190,210.8	282,347.6	253,660.4	414,880.4	559,827.2	689,570.0	+129,742.8	1,078,225.6

End Outcome Measure / Intermediate Measure	Type	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
# of terabytes collected annually (Geography)	Α	438.8	537.9	96	278	535.2	270	270	0	270
# of terabytes managed and distributed cumulatively (Geography)	С	2,887.4	3,425.3	4,255.9	3,556.6	3,840.6	4,300	4,600	+300	5,400
# of systematic analyses and investigations completed (Total)	A	2,127	2,157	2,879	2,530	5,513	4,436	3,007	-1,429	3,104
Total Actual/Projected Cost systematic analyses (\$000) (National Average)						1,782,711	811,480	831,890	+20,050	830,400
Actual/Projected Cost per systematic analysis (whole dollars) (National Average)		220,000	230,000	240,000	250,000	250,000	250,000	260,000	+10,000	280,000
Comment	imple actua 2,94 Cost	ementation is u al was reported 0. The 2010 ta	nderway, but do in error and sh rget and years analyses rang	efinitions of cat lould be correct beyond have b es from \$100,0	egories to inclu ted to 4,681. The een adjusted to 00 – \$400,000.	de are still bein he error cascado reflect the reba	g refined. As the sinto out year aseline correction of the product is	heses definitions r targets and the on.  an average that	n (IPDS). The pilo s weren't fully appli e corrected 2009 to includes the cost	ed in 2008, the arget should be of writing,
			, and publicatio agencies are in			ne cost of the s	studies from wh	ich the products	are derived. Rein	nbursements
# of formal workshops or training provided to customers (Total)	A	403	313	392	195	386	269	300	+31	325
Total Actual/Projected Cost workshop (\$000) (National Average)						13,882	12,083	13,006	+923	13,802
Actual/Projected Cost per workshop (whole dollars) (National Average)		4,000	6,000	8,000	10,000	10,000	12,000	15,000	+3,000	20,000
Comment			is a national av 5 \$30,000 per w		ical assistance	that includes th	ne cost of agen	da development	, revenue, and ma	terials. Cost
# of data standards used in implementing <i>The</i> <i>National Map</i> (NGP)	A	22	22	22	22	22	22	22	0	22

End Outcome Measure / Intermediate Measure	Type	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
# of students complete degree requirements for MS, PhD, and post doctoral program under the direction and mentorship of Unit Scientists (CRU)	А	100	103	95	90	83	90	90	0	120
Amount of fire-related data and information available online via the NBII, to assist land managers in fire management decision making (BIMD)	С	1.5gb	15.42gb	23.3gb	30gb	35gb	35gb	40gb	+5gb	45gb
Comment	Mea	sure is cumulat	ive; target refle	cts normal grov	vth.					
# of Natural History Museum specimen data records available online via the NBII, to assist researchers in identifying and addressing threats to human and animal health (BIMD)	С	20 million	57.6 million	59.3 million	60 million	60 million	79 million	61 million	-18 million	63 million
Comment	Muc	h work in this a	rea suspended	in 2009 due to	budget cuts. No	o records actua	Ily lost.			
# of NBII Clearinghouse metadata records (BIMD)	С	UNK	UNK	29,170	41,000	41,000	41,500	42,000	+500	43,500
Comment	Mea	sure is cumulat	ive; target refle	cts normal grov	vth.					
Amount of invasive species data and information available online via the NBII, to assist in modeling and forecasting the spread of invasives (BIMD)	С	800 mb	1,127 mb	1,441 mb	1,441 mb	1,542 mb	2,400 mb	1,750 mb	-650	2,050 mb
Comment	Som	e work in this a	rea slowed in 2	009 due to buc	lget cuts. No re	cords actually l	ost.			
Average cost per gigabyte of data available through servers under Program control (BIMD)	С	\$63,000	\$17,155	\$3,794	\$3,794	\$3,794	\$3,794	\$3,794	0	\$3,794

End Outcome Measure / Intermediate Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
Average cost per analytical result, adjusted for inflation, is stable or declining over a 5-year period (WRD)	Α	\$8.63	\$8.34	\$8.08	\$8.64	\$7.87	\$8.26	\$8.26	0	\$8.84
Comment	incre	ease due to a u	nilateral increas	se by GSA in le	5 percent in 200 ase costs at the nly 5 percent in	Denver Feder	al Center. Thro	y Lab (NWQL) v ough efficiencies	vas forced to institus and cost containium	ute a price ng measures the
# of real-time streamgages reporting in NWIS-Web (WRD)	Α	6,246	6,496	6,728	6,830	6,936	6,940	7,100	+160	7,200
Total Actual/Projected cost real-time streamgages (\$000)		84,321	87,696	90,828	95,620	95,200	95,200	99,400	+4,200	118,800
Comment					-time will be en ed with high dat			er the American	Recovery and Re	investment Act
# real-time ground-water sites reporting in NWIS-Web (WRD)	Α	796	917	983	984	1,120	1,130	1,140	+10	1,170
Comment		eeded 2008 targets were	-	increased intere	est by partner a	gencies, who c	ontributed addi	tional funding ar	mounts that were r	ot anticipated
# real-time water-quality sites reporting in NWIS-Web (WRD)	Α	1,125	1,102	1,249	1,249	1,402	1,410	1,418	+8	1,442
Comment		eeded 2008 targets were		increased intere	est by partner a	gencies, who c	ontributed addi	tional funding ar	mounts that were r	ot anticipated
X% of WRD streamflow stations with 30 or more years of record (WRD)	С	58%	59%	59%	58% (3970/ 6830)	60%	57% (4080/ 7200)	58% (4120/ 7050)	+1%	60% (4320/ 7200)
Total Actual/Project cost streamflow stations (\$000)		48,897	51,597	53,589	55,580	59,160	61,200	61,800	+600	71,280
Actual/Projected cost per streamflow stations (whole dollars)		13,500	13,500	13,500	14,000	14,500	15,000	15,000	0	16,500

End Outcome Measure / Intermediate Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
Comment	deno the t mea Altho cons decli	ominator chang total number of sure is to reflect ough performan straints at the S	es annually bed streamgages in at the state of the ace decreases f tate and local gor funding. This	cause the meas operation. Sir- e streamgaging or NSIP in 2009 overnment leve	sure represents nce the total nung network accur 9, the \$2M increal, as well as other	the number of mber of stream rately. ease allows US her Federal age	streamgages w gages changes GS to help statencies, the stream	rith 30 or more y each year, the bilize the stream amgage network	WISWeb. For this ears of record as a denominator must gage network. Be in many States hathe operation and	a percentage of change if this cause of budget as experienced a
X% of daily streamgages (streamflow stations) with data that are converted from provisional to final status within 4 months of day of collection (WRD)	С	10% (5/50)	20% (10/50)	24% (12/50)	29% (15/50)	28% (14/50)	29% (14/50)	32% (16/50)	+3%	35% (18/50)
Comment	The	percentage is out	derived by divid	ing the numera	tor, which repre	esents the numb	per of states that	at successfully c	onvert provisional	data to final
# of hours for fieldwork, compilation, and publication of a typical geologic map (NCGM)	A	3,070	2,980	2,890	2,810	2,786	2,720	2,670	-50	2,620
# of EDMAP students trained each year (NCGM)	Α	62	66	58	60	44	45	45	0	45
Total actual/projected cost student (\$000)					473,000	473,000	473,000	510,000	+37,000	510,000
Actual/projected cost per student (whole dollars)					7,880	7,880	7,880	8,500	+620	8,500
Comment	Cost	ts shown for the	training above	are obtained f	rom grant DI-1s	i.				
# of digital geographic information products for priority National Park Service units that provide environmental characterization based on airborne remote sensing (C&M)	С	10	8	10	10	10	10	11	+1	12

End Outcome Measure / Intermediate Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
Fraction of significant landfalling hurricanes (coterminous US) for which post-storm assessments of impact are developed (C&M)	A	3/3	3/4	0/1	>=3/4	2/2	>=3/4	>=3/4	0	>=3/4
% of open Ocean and Great-Lakes shoreline of coterminous US for which up-to-date characterization of the shoreline is provided (C&M)	O	62%	80%	80%	90%	90%	90%	95% (5700/ 6000)	+5%	95% (5700/ 6000)
Cost of collection and processing of airborne remote sensing data for coastal characterization and impact assessments (C&M)	С	.56	.55	.57	.35	.50	.45	.32	13	.30

End Outcome Goal 2.4: Improve the understanding of Energy and Mineral Resources to Promote Responsible Use and Sustain the Nation's Dynamic Economy.

End Outcome Measure / Intermediate or PART Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
End Outcome Measures	;									
% of targeted science products that are used by partners or customers for land or resource decision making (SP)	А	86.5%	87.5%	99%	≥90%	95%	≥90%	≥90%	0	≥90%
Intermediate Outcome M Ensure availability of en					matic analyse	es needed by la	and and resou	rce mangers fo	r informed decis	ion making
# of targeted basins/areas with energy resource assessments available to support management decisions (SP) (ERP)	А	7	6	5	5	5	5	5	0	5

End Outcome Measure / Intermediate or PART Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
% of targeted non-fuel mineral commodities for which up-to-date deposit models are available to support decision making (SP) (MRP)	С	0%	0%	0%	7%	7%	20%	53%	+33%	100%
Comment	15 co	mmodities are	copper, lead, zi		m, nickel, coba				baselining proces , potash, rare ear	
Intermediate Outcome N Ensure the quality and r	leasure elevan	es and Bureau ce of science	and Outcome information ar	Measures ad data to supp	oort decision	making				
% of studies validated through appropriate peer review (SP)	А	100% (10/10)	100% (11/11)	100% (11/11)	100% (8/8)	100% (8/8)	100% (8/8)	100% (9/9)	0	100% (10/10)
% satisfaction with scientific and technical products and assistance (SP)	Α	97.5%	97.5%	97%	≥80%	97%	≥80%	≥80%	0	≥80%
Efficiency and Other Ou	tput M	easures								
# of gigabytes collected annually (ERP)	А	97.793	158.048	37.409	20.038	1.173	3.1189	3.3229	+0.204	3.3831
# of gigabytes managed and distributed cumulatively (Total)	С	367.42	525.559	563.047	561.164	564.22	567.751	573.538	+5.787	584.027
# of metadata records (Data Preservation)	С	UNK	UNK	UNK	UNK	UNK	New measure baseline	TBD	TBD	TBD
# of systematic analyses and investigations completed (Total)	Α	10	11	11	8	8	8	9	+1	10
Total Actual/Projected Cost systematic analyses (\$000) (ERP)		19,110	9,900	7,800	13,750	13,750	13,750	13,750	0	
Average cost of a systematic analysis or investigation (ERP)	А	\$2.73M	\$1.98M	\$1.3M	\$2.75M	\$2.46M	\$2.75M	\$2.75M	0	\$2.75M
Comment	condi	actual exceede tions, and geog he National av	graphic location	et cost per syste s. The analyse	ematic analysis s completed in	is based on a 2007 did not in	National averag	e that includes conditions and t	research in varied he cost was there	terrain, fore were lower
Average cost of a systematic analysis or investigation (MRP)	А	\$4.18M	\$4.3M	\$3.7M	\$4.9M	\$4.7M	\$4.9M	\$9.0M	+\$4.1M	\$5.0M

End Outcome Measure / Intermediate or PART Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
Comment	The ii 2009.	These budge							fixed and other of and the overall a	
# of formal workshops or training provided to customers (Total)	А	16	15	15	14	14	14	17	+3	16
Total Actual/Projected cost workshop (\$000)		120,000	120,000	120,000	120,000	120,000	120,000	120,000	0	
Actual/Projected cost per workshop (whole dollars)		15,000	15,000	15,000	15,000	15,000	15,000	15,000	0	
# of mineral commodity reports available for decisions (MRP)	Α	746	690	717	700	649	700	720	+20	720
Comment			of commodity da d in the 2008 a					ber of reports for	or the same amou	ınt of data. This

End Outcome Goal 4.2: Improve understanding, prediction, and monitoring of natural hazards to inform decisions by civil authorities and the public to plan for, manage, and mitigate the effects of hazard events on people and property.

End Outcome Measure / Intermediate or PART Measure	Type	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
End Outcome Measures	5									
% of communities/ Tribes using DOI science on hazard mitigation, preparedness and avoidance for each hazard management activity (SP)	С	45%	48%	50%	53%	53%	53%	55%	+2%	56%
% of targeted science products that are used by partners or customers for land or resource decision making (SP)	А	UNK	UNK	UNK	UNK	87%	≥90%	≥90%	0	≥90%

End Outcome Measure / Intermediate or PART Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
Intermediate Outcome I Provide information to					ral hazards					
# of areas for which detailed hazard assessments are completed (SP)	С	UNK	49	51	53	53	55	58	+3	64
Comment	The o	cost per hazard	d assessment ra	anges from \$10	00K and \$1.0M.	Cost is strong	lly dependant on	complexity of the	e hazard accessi	bility of the site.
Total Actual/Projected cost hazard assessment (whole dollars)			600,000	600,000	600,000	6,000,000	6,000,000	6,000,000	0	6,000,000
# of urban areas for which detailed earthquake hazard maps are completed (EHP)	А	3	3	3	4	4	4	5	+1	6
# of metropolitan regions where Shakemap is incorporated into emergency procedures (SP) (EHP)	А	5	5	5	5	5	5	5	0	5
# of GSN next- generation systems deployed (of 87 needed)* (EHP)	С					1	9	9	0	9
Comment	Perfo buda		impacted by A	RRA funding. S	See the perform	nance measure	s in the Program	Plan behind the	ARRA tab in the	back of the
% of potentially hazardous volcanoes with published hazard assessments (SP) (VHP)	С	62.8% (44/70)	64.3% (45/70)	65.7% (46/70)	67.1% (47/70)	67.1% (47/70)	68.6% (48/70)	because redefi (denominator) moderate to ve blueprint for the	009 by new meas ning the measure to align with defirery high threat volue future, the Nation System (NVEWS	e baseline nition of Icanoes in VHP's onal Volcano
% of moderate to very high threat volcanoes with published hazard assessments (denominator reset to 101) (SP) (VHP)	С	UNK	UNK	UNK	UNK	UNK	47.5% (48/101)	48.5% (49/101)	+1.0%	50.5% (51/101)

End Outcome Measure / Intermediate or PART Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
# of monitoring and telemetry nodes upgraded (e.g., analog to digital conversion, added sensors, improved power systems, upgraded radio transmitters and receivers) (VHP)	А					12	13	12	-1	10
Comment	Perfo budg		impacted by A	RRA funding. S	See the perform	nance measure	s in the Program	Plan behind the	ARRA tab in the	back of the
% of very high threat volcanoes with at optimal level monitoring (X number of 18) <b>(VHP)</b>	C					22.2%	22.2%	22.2%	0	22.2%
Comment	Perfo		impacted by A	RRA funding. S	See the perform	nance measure	s in the Program	Plan behind the	ARRA tab in the	back of the
Use Rate: Landslide Hazards: # of responses to inquiries from the public, educators, and public officials to the National Landslide Information Center on hazard mitigation, preparedness and avoidance strategies for landslide hazards (LHP)	А	5,200	1,600	1,600	1,600	1,600	1,200	1,200	0	1,200
Comment	makiı	ng a specific in	quiry.		lide Hazards Pı	rogram web site	e, more users are	e able to get the	information that t	hey need without
Intermediate Outcome Insure the quality and					oport decision	making				
% of studies validated through appropriate peer review (SP)	Α	100%	100%	100% (248/ 248)	100% (239/ 239)	100% (221/ 221)	100% (232/ 232)	100% (247/ 247)	0	100% (247/ 247)
% satisfaction with scientific and technical products and assistance (SP)	Α	UNK	UNK	87%	≥80%	87%	≥80%	≥80%	0	≥80%
Efficiency and Other Ou	itput N	leasures								

End Outcome Measure / Intermediate or PART Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
# of systematic analyses and investigations completed (Total)	А	6	4	248	239	221	232	247	+15	247
Actual/Projected Cost per systematic analyses (whole dollars) (National Average)				80,000	100,000	100,000	110,000	110,000	0	120,000
Comment	In the	ematic analyses e 2007 Plan, a onse to eruption	produced in 20 new baseline w	009. as established Helens, Augus	for the systematine, and Kilaud	atic analyses.	The decline in pute for 2009 is ba	ublications in 200	e in the expected 18 is due to the in age rate of releas	creased level of
Cumulative number of ANSS seismic monitoring stations (EHP)	С	40 cuml. 563)	27 (cuml. 723)	63 (cuml. 786	17 (cuml.803)	19 (cuml. 805)	17 (cuml. 822)	12 (cuml. 834)	+12	0 (cuml.834)
Comment	\$75,0 Tsun of ne contr impro enac servic previ- ANS	NOO. For exam ami Initiative, vow stations has ibutions from the potential way and the properties of t	ple, the 17 sensyhich increased decreased evene National Scierealized in 200 regram would russ developments results in no \$3.2 million for	sors that were p funding to the ry year as deve ence Foundatic 5-2006 in the C etain ~\$0.8M o nt funding will of new sensors to +100 new sens	ourchased in 20 program in 200 program in 200 plopment fundir on in 2004 insta GSN program fr f ANSS developend, as operating argeted for 201 sors).	2008 -for installa 25, did not inclung g dwindles (se lled 95 stations from Tsunami In pment funds, w ng costs increa 0. An over-targ	tion in 2009- cos de funding for no e figure at end o well above the t itiative funding ir hich will be used se for sensors ar jet request is bei	at an average of a ew seismic station f narrative). An official arget. Note that in that program. In it to expand the in and processing sy- ing submitted that	ment, from \$5,00 about \$50,000. The sin the U.S. The exception occurred significant perform 2009, under a Cetwork. By 2010, stems that were to will allow further allow further the extension of	he President's lus, the number ed when partner mance CR at the 2008 under a current installed the r expansion of
# of formal workshops or training provided to customers (Total)	А	19	15	14	12	19	12	13	+1	13
Total Actual/ Projected Cost workshop (\$000) (VHP)		120	120	120	120	120	120	120	0	120
Actual/Projected Cost per workshop (whole dollars) (VHP)		30,000	30,000	30,000	30,000	30,000	30,000	30,000	0	30,000

End Outcome Measure / Intermediate or PART Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
Comment (Geomag)	one y	∕ear, a small nu	ımber of low-co	ost workshops r	may be held in	another year, o	one or two large	contributions and workshops may by begin 1-2 years	e held to bring m	
# of sites (mobile or fixed) monitored for ground deformation to identify volcanic activity (VHP)	O	88	94	159	170	174	175	185	+10	200
# of areas in the U.S. for which models exist that are used to interpret monitoring data (LHP)	С	4 1/3	4 2/3	5	5 1/3	5 1/3	5 2/3	6	+1/3	7
# of volcanoes for which information supports public safety decisions (VHP)	С	51	51	52	52	52	52	basic real time the future, the	009 to align with monitoring in VH National Volcand VS; OFR 2005-1	IP's blueprint for Early Warning
Total Actual/ Projected cost volcanoes (\$000)		2,000	0	1,000	0					
Actual/Projected Costs per # volcano (whole dollars)		1,000,000		1,000,000	800,000	800,000	800,000	800,000	0	800,000
Comment	whetl		t-period, analog	g seismic netwo				elicopter and (2) c S, webcams, etc.		
X% of potentially active volcanoes monitored (VHP)	С	72.9% (51/70)	72.9% (51/70)	74.3% (52/70)	74.3% (52/70)	74.3% (52/70)	74.3% (52/70)	basic real time moderate to ve defined in VHF	009 to align the r monitoring and dery high threat vo 's blueprint for the no Early Warning 2 2005-1164).	denominator to Icanoes as ie future, the
% of moderate to very high threat volcanoes with at least basic real time monitoring (VHP)	С	UNK	UNK	UNK	UNK	UNK	37.6% (38/101)	37.6% (38/101)	0	39.6% (40/101)
X% data availability for real-time data from the GSN (GSN)	Α	89%	88%	87.8%	86%	87%	84%	88%	+4%	90%
Comment		ibus restores co % in current an		President's re	quest and prov	vides an increas	se for upgrading	stations. These in	ncreases will sho	w improvements

End Outcome Measure / Intermediate or PART Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
Data processing and notification costs per unit volume of input data from sensors in monitoring networks (in cost per gigabyte) (GSN)	А	0.79 \$k/GB	1.30 \$k/GB	1.19 \$k/GB	1.33 \$k/GB	0.89 \$k/GB	1.33 \$k/GB	1.30 \$k/GB	-0.03 \$k/GB	1.20 \$k/GB
Comment			uts proposed in ve to original ta		quest and prov	ided increase t	hat will improve p	performance and	decrease unit co	est to \$1.30

**End Outcome Goal 5.1: Increase Accountability** 

End Outcome Goa	II J. I	. IIICI Casc	Accounta	Jility						
End Outcome Measure / Intermediate or PART Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
End Outcome Measures	;									
Obtain unqualified audit (SP)	Α	Unqualified Opinion		Unqualified Opinion						
Establish and maintain an effective, risk-based internal control environment as defined by the Federal Manager's Financial Integrity Act (FMFIA) and revised OMB Circular A-123 (SP)	А	100%	100%	100%	100%	100%	100%	100%	0	100%
Intermediate Outcome N			u and Outcom	e Measures						
Improved Financial Man	agem	ent	1						,	
Corrective actions: Percent of material weaknesses, and material non- compliance issues that are corrected on schedule (SP)	А	UNK	UNK	UNK	UNK	UNK	100%	100%	0	100%

End Outcome Measure / Intermediate or PART Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
Corrective Actions: Percent of established targets in Financial Performance Metrics met as defined in FAM No. 2003-015. (SP)	А	100%	100%	100%	100%	100%	100%	100%	0	100%

**End Outcome Goal 5.2: Advance Modernization/Integration** 

End Outcome Measure / Intermediate or PART Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
End Outcome Measures	3									
Percent of systems and lines of business/ functional areas associated with an approved blueprint that are managed consistent with that blueprint (SP)	Α	UNK	UNK	UNK	UNK	100%	100%	100%	0	100%
Percent of IT systems that have Certification and Accreditation (C&A) and are maintaining C&A status (SP) (EIS&T)	А	100%	100%	100%	100%	100%	100%	100%	0	100%
Comment	USG	S has 12 majoı	systems and a	all have underg	one and are ma	aintaining their	C&A status.			
Intermediate Outcome I E-Government and Info										
Efficient IT Management: Score achieved on the OMB Enterprise Architecture Framework (SP) (EIS&T)	Α	Level 4	Level 3	Level 4 – complete Level 3 – Use and Results	Level 4	Level 4 on "Completion" "Use," and "Results" categories	Level 4 in all areas	Level 4 in all areas	0	Level 4 in all areas

End Outcome Measure / Intermediate or PART Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
Comment	scori	ng achieved: E	Bureau-level EA	program activ	ely contributes	towards DOI a	5 in the following chieving a score card, and OMB's	of 4 in the "Com		
Efficient IT  Management. Stage achieved on the GAO IT Investment Management Framework (SP) (EIS&T)	А	100% stage 3	63% stage 3	70% stage 3	74% stage 3	100% stage 3	100% stage 3	100% stage 3	0	100% stage 3
Comment	mana agen Evalu includ has r	agement capab cy to achieve the uation of maturi des (a) rating (e	illities. For each tat stage. The ity is performed executed, particular requirements of the control of the cont	h maturity stag ITIM is used to by capturing thally executed, naired to evaluate	e, the ITIM desonants and the status of implicate executed, Note that the progress towards and the status of the status of implications and the status of th	cribes a set of of GS investment olementation of (A); (b) summa	ges of maturity the critical processes management protection the key practice ry of evidence/confithe key practical from the key practica	s/key practices the ocess and to dete s across the 5 m omments; (c) poil	at must be in pla ermine its level of aturity stages. T nt of contact. If the	ice for the f maturity. he status data he key practice
Efficient IT  Management: Score achieved on the NIST Federal IT Security Assessment Framework (SP) (EIS&T)	А	4.5	3.37	3.5	4.5	3.99	5.0	5.0	0	5.0
Comment	asse Fede NIST defin is in actual	ssments follow eral Information publication pro e the level of so place; level 2 is ally used; level integrated. All	NIST Special F Systems," is a ovides guidance ecurity control r whether proce 4 is whether the 12 USGS system	Publication 800 companion gui e for implement maturity as ider dures to imple e security contrems were asses	-53A security condeline to NIST ting the steps in the ting the high ment the policy tols are tested consed using the	ontrol procedur SP 800-53, "M In the NIST Risk ST Federal IT S are in place; le or scanned or if ICR template p	framework Tres. 800-53A, "Ginimum Security Management Figerurity Assessment 3 is whether a contingency provided by DOI vecentage score.	tuide for Assessing Controls for Federamework. Resurent Framework. the policy and properties in place; le	ng the Security Ceral Information Solts from the ICR NIST level 1 is vocedures are imposed 5 is whether	Controls in Systems." Each assessments whether a policy plemented and
Implement Records Management Strategy: % of all bureaus and offices developing consistent records management policy (SP) (EIR)	А	100%	100%	100%	100%	100%	100%	100%	0	100%

End Outcome Measure / Intermediate or PART Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
IT Investment Management Annual % of USGS IT investments reviewed, approved, and monitored through the CPIC process. (EIS&T)	А	100%	100%	100%	100%	100%	100%	100%	0	100%
Comment	USG	S has 7 IT inve	stments and m	anages 2 DOI i	investments (G	eospatial Line	of Business and	Geospatial One-	Stop).	
% of earth science instructors in the U.S., K-16, using USGS educational materials (EIR)	Α	UNK	UNK	UNK	UNK	Baseline	K-12 = 32%; Levels 13-16 = 78%	K-12 = 32%; Levels 13-16 = 78%	0	K-12 = 32%; Levels 13-16 = 78%
% of customers satisfied with service from USGS IT Service Desk (EIS&T)	Α	95.9%	94%	95.9%	94% 4559/ 4850)	96.7%	94% 4559/ 4850)	94% 4559/ 4850)	0	94% 4559/ 4850)
Comment			cusers are rand; the denomination				ted. The numera	ator is the numbe	er of responses th	nat indicate
% of identified USGS security incidents that receive corrective action within timeframes required by the DOI Incident Response Policy (EIS&T)	A	50%	75%	95%	100%	86%	100%	100%	0	100%
Total USGS public web content managed by the enterprise web infrastructure (EIR)	Α	UNK	UNK	UNK	UNK	UNK	Baseline	TBD	0	TBD
Comment	In 20	09 the USGS is	s working on a	methodology fo	or the Baseline.					
Total # of internships and fellowships supported and/or facilitated by the USGS educational program (EIR)	Α	55	55	70	55	55	55	175	+120	175
Efficiency and Other Ou	tput N	leasures								
# of new and legacy information products added to the USGS publications database (EIR)	С	67,500	70,351	71,717	67,500	44,502	67,500	67,500	0	67,500

End Outcome Measure / Intermediate or PART Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
Comment	USG facts to be past,	S Survey Manu , data, or interp disseminated	ual chapter SM pretations in any to a defined au	1100.1, a ÙSG / medium (e.g., dience or custo	S information popular, volumer, scientific	oroduct is "the over the over the over the over the or form, in or nonscientific	compilation of sci cluding textual, r , internal or exte	entific communio numerical, graphi rnal." Legacy pro	year through 201 cation or knowled cal, cartographic oducts are those machine-manipu	ge such as , or audiovisual, created in the
# of online bibliographic records (EIR)	Α	3,872	6,381	4,992	6,381	2,444	6,381	6,381	0	6,381
Comment	The l	USGS estimate	es that 6,381 re	cords will be ad	dded each year	through 2010.				
Intermediate Outcome I Human Capital Manage		res and Burea	u and Outcom	e Measures						
Worker Competency: % of employees who have resolved competency gaps in specified occupational groups identified as critical occupations in the Department (SP)	С	65%	77%	77%	79%	75%	75%	76%	+1%	79%
Comment		results of the 20 e organization.	008 Federal Hu	man Capital Si	urvey indicated	that USGS em	ployees have the	e right skills and	abilities to accom	plish the mission
Diversity: The % of managers who have completed the 4-hour required minimum annual diversity/EEO training	А	UNK	UNK	39.2%	30%	78%	30%	85%	+5%	95%
Comment	2008	. Given the ma	arked improven	nent and the fac	ct that this year	the USGS is m	naking more EEC	D/Diversity training	he goal of 30 per ng available to ma g in this area thro	anagers, the
Diversity: The # of MD- 715 identified deficiencies that have been corrected	Α	UNK	UNK	3	3	3	1	1	0	1
Collaboration Capacity: # of volunteer hours per year supporting DOI mission activities (SP)	А	UNK	UNK	138,761	200,000	143,792	144,000	Rebaseline		Rebaseline
Comment	The l	JSGS is currer	ntly rebaselining	this measure	based on new	reporting capab	oilities being put i	n place.		

End Outcome Measure / Intermediate or PART Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
Cooperative Conservation Internal Capacity: # of employees trained in collaboration and partnering competencies	С	UNK	UNK	150 FTE	4,339 FTE	4,106 FTE	*4,500 FTE	4,000 FTE	-500	4,500
Comment	USG	S, DOILEARN	recorded only 5	employees vie	ewing the video	due to a numb		d DOILEARN into	raining in DOI LE erface issues. Th LEARN).	
Cooperative Conservation Internal Capacity: % of organizations that have trained and developed employees in collaboration and partnering competencies (SP)	С	UNK	UNK	41%	50%	46%	*60%	60%	0%	53%
Cooperative Conservation External Capacity: # of conservation projects that actively involve the use of knowledge and skills of people in the area, and local resources in priority setting, planning, and implementation processes (SP)	А	UNK	UNK	90	92	91	92	96	+4	100
Intermediate Outcome Morganizational Reviews			u and Outcom	e Measures						
Increase Competition: Percentage of eligible service contract actions over \$25,000 awarded as performance-based acquisitions (SP)	Α	48%	25%	50%	50%	57.1%	50%	50%	0	50%
Intermediate Outcome Manager Intermediate Outcome Intermediate Outcome Intermediate Outcome Intermediate Outcome Intermediate Outcom			u and Outcom	e Measures						

End Outcome Measure / Intermediate or PART Measure % of programs with demonstrated use of performance measures in budget justifications and decisions (SP) % of programs that can	Type	2005 Actual UNK	2006 Actual UNK	2007 Actual	2008 Plan 100%	2008 Actual	2009 Plan 100%	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
estimate marginal cost of changing of performance (SP)	Α	UNK	UNK	100%	100%	100%	100%	100%	0	100%
Intermediate Outcome I	Measu	res and Burea	u and Outcom	e Measures						
Facilities Improvement			<u> </u>	T	<u> </u>				1	
Overall condition of buildings and of structures (as measured by the FCI) that are mission critical and mission dependent (as measured by the API), with emphasis on improving the condition of assets with critical health and safety needs (SP)	А	UNK	0.150	0.124	0.133	0.128 65,300/ 510,141	0.133 (67,247/ 509,616)	0.115 (58,612/ 510,141)	-0.009	0.107 54,338/ 510,141
Comment	Perfo budge		impacted by A	RRA funding. \$	See the perform	nance measure	s in the Program	Plan behind the	ARRA tab in the	back of the
Percent change in the Operating Costs (operations and maintenance costs) per square foot of buildings that are "Not-Mission Dependent" as reported in the Federal Real Property Profile (FRPP) in the current fiscal year compared to the previous fiscal year. (SP)	Α	UNK	\$3.15sf 0%	\$3.03sf -1.6%	\$2.94sf -3%	\$2.94sf -3%	\$ 2.38sf 31%	\$2.33sf 3%	\$2.26sf -3%	-\$2.07sf -3%

End Outcome Measure / Intermediate or PART Measure	Туре	2005 Actual	2006 Actual	2007 Actual	2008 Plan	2008 Actual	2009 Plan	2010 President's Request	Change from 2009 Plan to 2010	Long-term Target 2013
Percent change in the total number of buildings (office, warehouse, laboratory, and housing) reported as "Under Utilized" or "Not Utilized" in the Federal Real Property Profile (FRPP) in the current fiscal year compared to the previous fiscal year (SP)	A	UNK	UNK	83%	-5%	-5%	-7.9	-5%	-5%	-5%
Percent of assets targeted for disposal that were disposed (SP)	Α	UNK	26%	100%	50% (8/19)	11.7% (17/2)	24% (25/6)	42% (19/8)	-24%	42% (12/5)
PART Efficiency and Other Output Measures										
# of bureau condition assessments in progress or completed (within a 5-year cycle (Facilities)	O	9	9	14	23	+10 Cuml 33	+9 Cuml 42	+6 Cuml 6	-3	+25 Cuml 31
# of deferred maintenance and capital improvements (cumulative) (Facilities)	С	80	63	70	80	76	87	123	+36	185

